

MAR 24 2004

OFFICIAL

Atty Docket No. 020752-000121US

PTO FAX NO.: 1-703-872-9306

ATTENTION: Examiner Kielin, Erik J.
TELEPHONE NO.: 703-306-5980

Group Art Unit 2813

OFFICIAL COMMUNICATION
FOR THE PERSONAL ATTENTION OF
EXAMINER Kielin, Erik J.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents in Application No. 09/977,069, filed October 11, 2001 for SELF-ASSEMBLED NEAR-ZERO-THICKNESS MOLECULAR LAYERS AS DIFFUSION BARRIERS FOR CU METALLIZATION are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

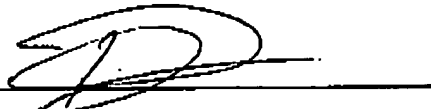
Document(s) Attached

1. Transmittal
2. Fee Transmittal
3. Petition for Extension of Time
4. Notice of Appeal

Number of pages being transmitted, including this page:

5

Dated:

3/24/04 

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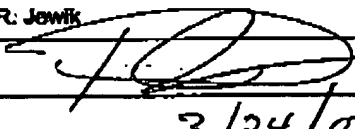
TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, CA 94111-3834
Telephone: 415-576-0200
Fax: 415-576-0300

60172552 v1

PTO/SB/21 (08-03)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/977,069
		Filing Date	October 11, 2001
		First Named Inventor	Ramanath, G.
		Art Unit	2813
		Examiner Name	Kiehn, Erik J.
Total Number of Pages in This Submission		Attorney Docket Number	020752-000121US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input checked="" type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual	Townsend and Townsend and Crew LLP	
	Patrick R. Jewell	Reg. No. 40,458
Signature		
Date	3/24/04	

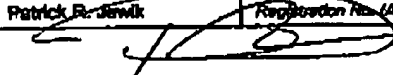
CERTIFICATE OF FAX TRANSMISSION		
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-8308 on		
Typed or printed name	PATRICK JEWELL	
Signature	Date	3/24/04

80172559 v1

PTO/SB/17 (10-03)

FEE TRANSMITTAL for FY 2004		<i>Complete if Known</i>	
Effective 10/01/2003, Patent fees are subject to annual revision.		Application Number	09/977,089
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	October 11, 2001
		First Named Inventor	Ramanath, G.
		Examiner Name	Kelin, Erik J.
		Art Unit	2813
		Attorney Docket No.	020752-000121US
TOTAL AMOUNT OF PAYMENT (\$) 440			

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																															
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Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1051</td> <td>130</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1052</td> <td>50</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1812</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1804</td> <td>820*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1251</td> <td>110</td> <td>Extension for reply within first month</td> <td>110</td> </tr> <tr> <td></td> <td></td> <td>1252</td> <td>420</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1253</td> <td>850</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1254</td> <td>1,480</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1255</td> <td>2,010</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1401</td> <td>330</td> <td>Notice of Appeal</td> <td>330</td> </tr> <tr> <td></td> <td></td> <td>1402</td> <td>330</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1403</td> <td>290</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1451</td> <td>1,610</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1452</td> <td>110</td> <td>Petition to revive - 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SUBMITTED BY		<i>Complete if applicable</i>	
Name (Print/Type)	Patrick R. Jawlik	Registration No. (Attorney/Agent)	40,456
Signature		Telephone	415-576-0200
		Date	3/24/04

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